

855 Purchase Order Acknowledgment

Functional Group ID=**PR**

Introduction:

This standard provides the format and establishes the data contents of a purchase order acknowledgment transaction set. The purchase order acknowledgment transaction set provides for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order.

Notes:

- 1. This transaction set is used to acknowledge, with detail, a Purchase Order, transaction set 850.*
- 2. When BEG07 in the 850 transaction set is code AD, acknowledge the Purchase Order by returning all 850 data within this 855.*
- 3. When BEG07 in the 850 transaction set is code NA, or the BEG07 is not transmitted, do not return a Purchase Order Acknowledgment, transaction set 855.*

Heading:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SSS	Special Services	O	25		
	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time/Period	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	25		

Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	250	TD3	Carrier Details (Equipment)	O	12
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
	270	MAN	Marks and Numbers	O	10
LOOP ID - N9					1000
	280	N9	Reference Number	O	1
	290	MSG	Message Text	O	1000
LOOP ID - N1					200
	300	N1	Name	O	1
	310	N2	Additional Name Information	O	2
	320	N3	Address Information	O	2
	330	N4	Geographic Location	O	1
	340	REF	Reference Numbers	O	12
	350	PER	Administrative Communications Contact	O	3
Not Used	360	FOB	F.O.B. Related Instructions	O	1
Not Used	370	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	390	TD3	Carrier Details (Equipment)	O	12
Not Used	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	410	PKG	Marking, Packaging, Loading	O	25

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1							100000
	010	PO1	Purchase Order Baseline Item Data	O	1		
Not Used	020	CUR	Currency	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	25		
Not Used	049	MEA	Measurements	O	40		
LOOP ID - PID							1000
	050	PID	Product/Item Description	O	1		
	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
	080	PKG	Marking, Packaging, Loading	O	25		
	090	PO4	Item Physical Details	O	1		
	100	REF	Reference Numbers	O	12		
Not Used	110	PER	Administrative Communications Contact	O	3		
Not Used	120	SSS	Special Services	O	25		
	130	ITA	Allowance, Charge or Service	O	10		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		

Not Used	160	DIS	Discount Detail	O	20	
Not Used	170	TAX	Tax Reference	O	3	
	180	FOB	F.O.B. Related Instructions	O	1	
Not Used	190	SDQ	Destination Quantity	O	500	
	200	DTM	Date/Time/Period	O	10	
Not Used	210	LDT	Lead Time	O	12	
	220	SCH	Line Item Schedule	O	200	n2
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	250	TD3	Carrier Details (Equipment)	O	12	
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
LOOP ID - ACK					104	
Not Used	270	ACK	Line Item Acknowledgment	O	1	
Not Used	280	DTM	Date/Time/Period	O	1	
Not Used	290	MAN	Marks and Numbers	O	10	
Not Used	300	AMT	Monetary Amount	O	1	
LOOP ID - SLN					1000	
Not Used	310	SLN	Subline Item Detail	O	1	
Not Used	320	PID	Product/Item Description	O	1000	
Not Used	330	PO3	Additional Item Detail	O	25	
Not Used	340	ACK	Line Item Acknowledgment	O	104	
LOOP ID - N9					1000	
Not Used	350	N9	Reference Number	O	1	
Not Used	360	MSG	Message Text	O	1000	
LOOP ID - N1					200	
	370	N1	Name	O	1	
	380	N2	Additional Name Information	O	2	
	390	N3	Address Information	O	2	
	400	N4	Geographic Location	O	1	
Not Used	410	REF	Reference Numbers	O	12	
Not Used	420	PER	Administrative Communications Contact	O	3	
Not Used	430	FOB	F.O.B. Related Instructions	O	1	
Not Used	440	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	450	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	460	TD3	Carrier Details (Equipment)	O	12	
Not Used	470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	480	PKG	Marking, Packaging, Loading	O	25	

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	CTT	Transaction Totals	M	1		n3
	020	AMT	Monetary Amount	O	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
Comments: 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			855 X12.9 Purchase Order Acknowledgment	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	
			<i>Use to transmit a unique number assigned by the originator of the transaction set. This same number is carried in SE02.</i>	

Segment: **BAK** Beginning Segment for Purchase Order Acknowledgment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates
Syntax Notes:
Semantic Notes:
Comments: 1 BAK08 is the seller's order number.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BAK01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			<i>Use to indicate an original submission of an 855 transaction set.</i>	
Must Use	BAK02	587	Acknowledgment Type	M ID 2/2
			Code specifying the type of acknowledgment	
			AD Acknowledge - With Detail, No Change	
			<i>Use to indicate acceptance of this Purchase Order or Delivery Order through acknowledgment with detail and no change. Return all Purchase Order data (850) within the Purchase Order Acknowledgment (855).</i>	
Must Use	BAK03	324	Purchase Order Number	M AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
			<i>Enter the purchase order number.</i>	
Must Use	BAK04	323	Purchase Order Date	M DT 6/6
			Date assigned by the purchaser to Purchase Order	
			<i>Date of the purchase order.</i>	
	BAK05	328	Release Number	O AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
			<i>Enter the number of a release, call, or delivery order against a basic award instrument cited in BAK03.</i>	
Not Used	BAK06	326	Request Reference Number	O AN 1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description	

		which can be used with contract number)		
BAK07	367	Contract Number	O	AN 1/30
		Contract number		
BAK08	127	Reference Number	O	AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
		<i>Use to identify a contractor assigned number to the transmission of the 855. Each successive transmission of a response shall carry a sequential suffix number e.g., -1, -2, -3, etc..</i>		
BAK09	588	Acknowledgment Date	O	DT 6/6
		Date assigned by the sender to the acknowledgment.		
		<i>Enter the date by which the vendor must acknowledge the purchase order.</i>		

Segment: **NTE** Note/Special Instruction
Position: 030
Loop:
Level: Heading
Usage: Floating
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:
Semantic Notes:

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Notes: *Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NTE01	363	Note Reference Code	O ID 3/3
			Code identifying the functional area or purpose for which the note applies	
			GEN Entire Transaction Set	
Must Use	NTE02	3	Free Form Message	M AN 1/60
			Free-form text	

Segment:	CUR Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR11 is present, then CUR10 is required. 4 If CUR12 is present, then CUR10 is required. 5 If CUR14 is present, then CUR13 is required. 6 If CUR15 is present, then CUR13 is required. 7 If CUR17 is present, then CUR16 is required. 8 If CUR18 is present, then CUR16 is required. 9 If CUR20 is present, then CUR19 is required. 10 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver). CUR*BY*CAD*N/L Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values. CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L <ol style="list-style-type: none"> 1 2 3 4 1. Identifies the buyer's (BY) currency as U.S. dollars (USD). 2. The multiplier (1.20) is the exchange rate factor for the conversion. 3. Identifies the seller's (SE) currency as Canadian dollars (CAD). 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). <p>The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.</p>
Notes:	<i>If the CUR segment is not used the currency is assumed to be US dollars.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CUR01	98	Entity Identifier Code Code identifying an organizational entity or a physical location. SE Selling Party	M ID 2/2
Must Use	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	M ID 3/3
	CUR03	280	Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	O R 4/6
Not Used	CUR04	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	O ID 2/2
Not Used	CUR05	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	O ID 3/3
Not Used	CUR06	669	Currency Market/Exchange Code Code identifying the market upon which the currency exchange rate is based	O ID 3/3
Not Used	CUR07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective 036 Expiration Date coverage expires	C ID 3/3
Not Used	CUR08	373	Date Date (YYMMDD)	O DT 6/6
Not Used	CUR09	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	O TM 4/4
Not Used	CUR10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	C ID 3/3
Not Used	CUR11	373	Date Date (YYMMDD)	O DT 6/6
Not Used	CUR12	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	O TM 4/4
Not Used	CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	C ID 3/3

Not Used	CUR14	373	Date Date (YYMMDD)	O DT 6/6
Not Used	CUR15	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	O TM 4/4
Not Used	CUR16	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	C ID 3/3
Not Used	CUR17	373	Date Date (YYMMDD)	O DT 6/6
Not Used	CUR18	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	O TM 4/4
Not Used	CUR19	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	C ID 3/3
Not Used	CUR20	373	Date Date (YYMMDD)	O DT 6/6
Not Used	CUR21	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	O TM 4/4

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

- Notes:**
1. At least one iteration, with code 65 in REF01, is required to carry the Universal Tracking Number (UTN).
 2. May use this 1/REF/050 segment to indicate long-line accounting data when number of accounting appropriations on document does not exceed maximum segment usage, must use 2/REF/100 segment to indicate long-line accounting data.

Data Element Summary

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier		M ID 2/2
			Code qualifying the Reference Number.		
			65	Total Order Cycle Number	
				<i>UTN - Universal Tracking Number is a unique identifier used to establish a linkage within a cycle of transaction sets for a single acquisition. Should be a unique identifier within federal agencies. A cycle is defined to include all related transaction sets (840, 843, 850, 855, 860, 865, 836, 864, 810, and 820 if possible).</i>	
			AT	Appropriation Number	
				<i>Use to indicate ACRN and Service ID Code in REF02, and Long Line Accounting Data in REF03.</i>	
			DD	Document Identification Code	
			DS	Defense Priorities Allocation System (DPAS)	
				Priority Rating	
			PR	Price Quote Number	
				<i>Use to reference the quoting party's quotation number.</i>	
			TG	Transportation Control Number (TCN)	
Must Use	REF02	127	Reference Number		C AN 1/30
			Reference number or identification number as defined for a particular		

Transaction Set, or as specified by the Reference Number Qualifier.

When REF01 is code AT, REF02 will carry the ACRN in position 1-2 and service ID Code in position 3.

Service ID Codes:

1 - Army

2 - Air Force

3 - Coast Guard

4 - Navy

5 - Marine

6 - Defense Agency

9 - Non - DOD

REF03	352	Description	C	AN 1/80
A free-form description to clarify the related data elements and their content				

When REF01 is code AT, REF03 will carry the Long Line Accounting Data.

Segment: **FOB** F.O.B. Related Instructions

Position: 080

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax Notes:

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

Semantic Notes:

Comments:

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Notes: *Use this 1/FOB/080 segment if the FOB point and the inspection/acceptance location apply to all of the line items. When the FOB point or inspection/acceptance location vary by line item, use the 2/FOB/180 segment.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges DF Defined by Buyer and Seller	M ID 2/2
Must Use	FOB02	309	Location Qualifier Code identifying type of location DE Destination (Shipping) FV Free Alongside Vessel (Free On Board [F.O.B.] Point) OR Origin (Shipping Point) ZZ Mutually Defined <i>Use to indicate FOB point as described in FOB03.</i>	C ID 1/2
	FOB03	352	Description A free-form description to clarify the related data elements and their content <i>1. FOB03 is only used when FOB02 is code ZZ.</i> <i>2. Contains descriptions such as: Origin, Destination, FAS Vessel, Inside Delivery, or Tailgate Delivery.</i>	O AN 1/80
Not Used	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2

			Code identifying the source of the transportation terms		
Not Used	FOB05	335	Transportation Terms Code	C	ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility		
Not Used	FOB06	309	Location Qualifier	C	ID 1/2
			Code identifying type of location		
Not Used	FOB07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	Risk of Loss Qualifier	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	Description	C	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **CSH** Header Sale Condition
Position: 110
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify general conditions or requirements of the sale
Syntax Notes: 1 If CSH02 is present, then CSH03 is required.
2 If CSH06 is present, then CSH07 is required.
Semantic Notes:
Comments: 1 CSH04 is the account number to which the purchase amount is to be charged.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	CSH01	563 Sales Requirement Code	O ID 1/2
		Code to identify a specific requirement or agreement of sale	
Not Used	CSH02	564 Do-Not-Exceed Action Code	O ID 1/1
		Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)	
Not Used	CSH03	565 Do-Not-Exceed Amount	C N2 2/9
		Maximum monetary amount value which the order must not exceed.	
Not Used	CSH04	508 Account Number	O AN 1/35
		Account number assigned	
Not Used	CSH05	596 Required Invoice Date	O DT 6/6
		Date specified by the sender to be shown on the invoice.	
	CSH06	559 Agency Qualifier Code	O ID 2/2
		Code identifying the agency assigning the code values	
		AB Assigned by Buyer	
	CSH07	560 Special Services Code	C ID 2/10
		Code identifying the special service	
		C0036 Certificate of Conformance	
		IM Inspect at Destination	
		IO Inspect at Origin	

Segment: **ITD** Terms of Sale/Deferred Terms of Sale

Position: 130

Loop:

Level: Heading

Usage: Optional

Max Use: 5

Purpose: To specify terms of sale

- Syntax Notes:**
- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 - 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 - 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:

- Comments:**
- 1 If the code in ITD01 is 04, then ITD09 is required and either ITD11 or ITD12 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
ITD01	336	Terms Type Code		O	ID 2/2
		Code identifying type of payment terms			
		03	Fixed Date		
			<i>Use to indicate BPA payment terms.</i>		
		09	Proximo		
			<i>Use only when specified in the 840 and requesting "Fast Pay".</i>		
		14	Previously agreed upon		
			<i>Must use to indicate Constructive Acceptance when other than 7 days.</i>		
		16	Prompt Payment Act		
			<i>Use to indicate payment discount.</i>		
Not Used	ITD02	333	Terms Basis Date Code	O	ID 1/2
			Code identifying the beginning of the terms period		
	ITD03	338	Terms Discount Percent	O	R 1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
Not Used	ITD04	370	Terms Discount Due Date	C	DT 6/6
			Date payment is due if discount is to be earned		
	ITD05	351	Terms Discount Days Due	C	N0 1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned		
Not Used	ITD06	446	Terms Net Due Date	O	DT 6/6

			Date when total invoice amount becomes due		
	ITD07	386	Terms Net Days	O	N0 1/3
			Number of days until total invoice amount is due (discount not applicable)		
			1. Use to cite Net Days under Prompt Payment Act when ITD01 is code 16.		
			2. Use to indicate the number of days required for Constructive Acceptance when ITD01 is code 14.		
Not Used	ITD08	362	Terms Discount Amount	O	N2 1/10
			Total amount of terms discount		
Not Used	ITD09	388	Terms Deferred Due Date	O	DT 6/6
			Date deferred payment or percent of invoice payable is due		
Not Used	ITD10	389	Deferred Amount Due	C	N2 1/10
			Deferred amount due for payment		
Not Used	ITD11	342	Percent of Invoice Payable	C	R 1/5
			Amount of invoice payable expressed in percent		
	ITD12	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
	ITD13	765	Day of Month	C	N0 1/2
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced		
			Use to indicate day of month for payment in accordance with BPA when ITD01 is code 03.		
	ITD14	107	Payment Method Code	O	ID 1/1
			Code identifying type of payment procedures		
			E	Electronic Payment System	
			Use to indicate Electronic Funds Transfer is required.		

Segment: **DTM** Date/Time/Period
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time <i>When used here, the delivery date applies to the whole order. If not used here, the delivery date will be specified in the DTM or SCH segment at the detail (Table 2) level.</i>	M ID 3/3
		002	Delivery Requested <i>Use to indicate the required delivery date.</i>	
		036	Expiration Date coverage expires <i>Use to indicate the expiration date (if applicable) of the contractual instrument cited in BAK07.</i>	
		074	Requested for Delivery (Prior to and Including)	
		084	Requested for Shipment (Prior to and Including)	
		103	Award <i>May be used to carry the award date of the contract cited in BAK07.</i>	
	DTM02	373	Date Date (YYMMDD)	C DT 6/6
Not Used	DTM03	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	C TM 4/4
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To specify the type and transmission of paperwork relating to a product, order or report.

Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
 - 2 PWK07 may be used to indicate special information to be shown on the specified report.
 - 3 PWK08 may be used to indicate action pertaining to a report.

Notes: *Use when additional information will have to accompany the shipment, will have to follow under separate cover, be provided electronically, or provided in some other, specified manner.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PWK01	755	Report Type Code Code indicating the title and/or contents of a document or report. MS Material Safety Data Sheet	M ID 2/2
Must Use	PWK02	756	Report Transmission Code Code defining timing, transmission method or format by which reports are to be sent BW Best Way (Sender's Option) WS With Shipment (With Package)	M ID 2/2
Not Used	PWK03	757	Report Copies Needed The number of copies of a report that should be sent to the addressee	O N0 1/2
Not Used	PWK04	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	O ID 2/2
Not Used	PWK05	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	C ID 1/2
Not Used	PWK06	67	Identification Code Code identifying a party.	C ID 2/17
	PWK07	352	Description A free-form description to clarify the related data elements and their content <i>Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i>	O AN 1/80

Not Used	PWK08	704	Paperwork/Report Action Code	O ID 1/2
Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required				

Segment:	PKG Marking, Packaging, Loading
Position:	220
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 If PKG04 is present, then PKG03 is required. 2 At least one of PKG04 or PKG05 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 PKG01 relates only to PKG04 and PKG05. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 PKG04 should be used for industry-specific packaging description codes. 5 Special marking or tagging data can be given in PKG05 (description).
Notes:	<i>This segment is used to define dimensions, tolerances, weights, counts, physical restrictions, etc.</i>

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PKG01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			F	Free-form
		X	Semi-structured (Code and Text)	
	PKG02	753	Packaging Characteristic Code	O ID 1/5
			Code specifying the marking, packaging, loading and related characteristics being described	
			35	Type of Package
			36	Package Specifications
			37	Package Protection
	PKG03	559	Agency Qualifier Code	C ID 2/2
Code identifying the agency assigning the code values				
DD			Department of Defense	
		Responsible for Military Specification		
Not Used	PKG04	754	Packaging Description Code	C ID 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	
	PKG05	352	Description	C AN 1/80
		A free-form description to clarify the related data elements and their content		

Segment: **MAN** Marks and Numbers
Position: 270
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To indicate identifying marks and numbers for shipping containers
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use this segment when marks and numbers cannot be described as an address in the following N1 loop.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MAN01	88	Marks and Numbers Qualifier	M ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			PB Premarked by Buyer	
			S Entire Shipment	
Must Use	MAN02	87	Marks and Numbers	M AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	

Segment:	N9 Reference Number
Position:	280
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
Semantic Notes:	
Comments:	
Notes:	<p><i>1. Use this segment to specify clauses, special instructions or other references which are applicable to all the line items in the solicitation.</i></p> <p><i>2. When an alternate section is relevant for a cited clause, concatenate the alpha/numeric alternate with the clause number in N902.</i></p> <p><i>3. When citing a clause in N902, the date of the clause MUST be cited in N903 or N904 and the title of the clause may be optionally cited in the following MSG segment.</i></p>

Data Element Summary				
Ref.	Data	Name	Attributes	
<u>Des.</u>	<u>Element</u>			
Must Use	N901	128 Reference Number Qualifier	M	ID 2/2
		Code qualifying the Reference Number.		
		CJ Clause Number		
		DX Department/Agency Number		
		<i>Use to indicate an agency clause and specify the agency in N903.</i>		
		GS General Services Administration Regulations (GSAR)		
		OS Outbound-from Party		
		PH Priority Rating		
		SH Sender Defined Clause		
		<i>Use to indicate special handling.</i>		
		ZZ Mutually Defined		
		<i>Use to indicate Statement of Work.</i>		
N902	127	Reference Number	C	AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
N903	369	Free-form Description	C	AN 1/45
		Free-form descriptive text		
		<i>1. May be used to cite the clause title and effective date.</i>		

2. Cite "Statement of Work" when N901 is code ZZ.

	N904	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	N905	337	Time	O TM 4/4
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	

Segment: **MSG** Message Text
Position: 290
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:

- 1. Use this segment to carry the title or full text, if required, a special instruction, or other information associated with the number cited in N902.*
- 2. Clause title and date may be carried in the preceding N903.*
- 3. Use to carry the "Statement of Work" text.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

Segment:	N1 Name
Position:	300
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
Notes:	<ol style="list-style-type: none"> 1. <i>Whenever possible, address information should be transmitted using code values contained in a combination of the N101, N103/04 data elements. Use N102 and the N2-N4 segments only when it is necessary to transmit the full address.</i> 2. <i>Use this 1/N1/310 loop to identify organizations, places or people that apply to all of the line items in the solicitation, or are not applicable at the line item level (e.g., buying party, etc.).</i> 3. <i>There must be at least one iteration of the N1 segment citing code BY.</i> 4. <i>There must be at least one iteration of the N1 segment citing code VN in N101 and code 1, 9, or 33 in N103.</i>

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity or a physical location.	
		BY	Buying Party (Purchaser)
			<i>Use to indicate the purchasing office or activity.</i>
		FW	Forwarder
			<i>Use to indicate port of embarkation.</i>
		OB	Ordered By
			<i>Requisitioner of goods or services.</i>
		OI	Outside Inspection Agency
			<i>Use to indicate the administration office if different from address cited with code BY.</i>
		PJ	Party to Receive Correspondence
		PO	Party to Receive Invoice for Goods or Services
		PR	Payer

					<i>Use to indicate the paying office.</i>
		RI	Remit To		
					<i>Use to indicate the place to send payment if different from code VN.</i>
		ST	Ship To		
					<i>Use to indicate Ship To or location where services are to be performed.</i>
		UC	Ultimate Consignee		
					<i>Use to cite marked for address.</i>
		VN	Vendor		
N102	93	Name		C	AN 1/35
		Free-form name			
N103	66	Identification Code Qualifier		C	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)			
		1	Dun and Bradstreet (Credit Reporting) (DUNS)		
		9	DUNS with 4-character suffix		
		10	Department of Defense Activity Address Code (DODAAC)		
					<i>Use when an agency is known by its Department of Defense Activity Address Code (DoDAAC) or Civilian Agency Activity Address Code.</i>
		16	ZIP Code		
		19	FIPS-55 (Named Populated Places)		
		33	Commercial and Government Entity (CAGE)		
		93	Code assigned by the organization originating the transaction set		
N104	67	Identification Code		C	ID 2/17
		Code identifying a party.			

Segment: **N2** Additional Name Information
Position: 310
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
Not Used	N202	93	Name	O AN 1/35
			Free-form name	

Segment: **N3** Address Information
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4 Geographic Location**

Position: 330

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

- Syntax Notes:**
- 1 At least one of N401 or N405 is required.
 - 2 If N401 is present, then N402 is required.
 - 3 If either N405 or N406 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 - 2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency <i>Use codes from the latest release of FIPS PUB 5-2, States and Outlying Areas of the United States.</i>	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 4/9
N404	26	Country Code Code identifying the country <i>Use codes from the latest release of ISO 3166, Codes for Representing Names of Countries.</i>	O ID 2/2
N405	309	Location Qualifier Code identifying type of location IP Postal <i>Use to indicate an Army Post Office "APO" or Fleet Post Office "FPO".</i>	O ID 1/2
N406	310	Location Identifier Code which identifies a specific location <i>When N405 is code IP, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco plus the zip code).</i>	C AN 1/25

Segment: **REF** Reference Numbers
Position: 340
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			SY Social Security Number	
			TJ Federal Taxpayer's Identification Number	
	REF02	127	Reference Number	C AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	REF03	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>May use when N101 equals VN to indicate Corporate Tax Status.</i>	
			<i>2Y Corporation providing medical and health care services, or engaged in the billing and collecting of payments for such services.</i>	
			<i>2L Other Corporate entity</i>	
			<i>2J Sole Proprietorship</i>	
			<i>2K Partnership</i>	
			<i>2N Hospital or extended care facility that is exempt from taxation.</i>	
			<i>2R Federal Facility</i>	

Segment: **PER** Administrative Communications Contact
Position: 350
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If PER03 is present, then PER04 is required.
Semantic Notes:
Comments:

Notes: *One iteration of the PER citing a commercial telephone number or a facsimile number for a government point of contact is required.*

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			<i>Use to identify contact points.</i>	
			AC	Administrative Contracting Officer
			BD	Buyer Name or Department
			<i>Use to indicate Contracting/Ordering Officer.</i>	
			IC	Information Contact
Must Use	PER02	93	Name	O AN 1/35
			Free-form name	
Must Use	PER03	365	Communication Number Qualifier	O ID 2/2
			Code identifying the type of communication number	
			EM	Electronic Mail
			<i>Should only be used if the address is less than 22 characters.</i>	
			FX	Facsimile
			TE	Telephone
Must Use	PER04	364	Communication Number	C AN 7/21
			Complete communications number including country or area code when applicable	

Segment:	PO1 Purchase Order Baseline Item Data
Position:	010
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used purchase order line item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If PO105 is present, then PO104 is required. 2 If PO106 is present, then PO107 is required. 3 If PO108 is present, then PO109 is required. 4 If PO110 is present, then PO111 is required. 5 If PO112 is present, then PO113 is required. 6 If PO114 is present, then PO115 is required. 7 If PO116 is present, then PO117 is required. 8 If PO118 is present, then PO119 is required. 9 If PO120 is present, then PO121 is required. 10 If PO122 is present, then PO123 is required. 11 If PO124 is present, then PO125 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 PO101 is the line item identification. 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	<i>Use the 2/P01/010 loop to specify all information related to a CLIN or SUBCLIN. Each iteration of the P01 loop will carry all information related to the CLIN or SUBCLIN cited in P0101.</i>

Data Element Summary

Ref.		Data		
<u>Des.</u>		<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO101		350	Assigned Identification	O AN 1/6
			Alphanumeric characters assigned for differentiation within a transaction set	
			<i>1. Use to specify the Contract Line Item Number (CLIN) or the Sub Contract Line Item Number (SUBCLIN), as assigned by the buying activity.</i>	
			<i>2. The line item number cited in the PO101 of the 855 will be the same as that listed in the 850 and the corresponding 840 if possible.</i>	
Must Use	PO102	330	Quantity Ordered	M R 1/9
			Quantity ordered	
			<i>Use to specify the quantity of the line item being ordered.</i>	
Must Use	PO103	355	Unit or Basis for Measurement Code	M ID 2/2
			Code identifying the basic unit of measurement.	

Use "ZZ" at the CLIN level when quantities are specified at the SUBCLIN level.

PO104 212 Unit Price C R 1/14

Price per unit of product, service, commodity, etc.

Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.

PO105 639 Basis of Unit Price Code O ID 2/2

Code identifying the type of unit price for an item

1. When PO105 is code NC or QR, enter the number 0 in PO104.

2. Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.

NC	No Charge
NE	Not to Exceed
QR	Previous Quoted Price

Use to indicate item is not separately priced.

QT	Quoted
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PO106 235 Product/Service ID Qualifier O ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. PO106 through PO125 are used in pairs, e.g., PO106 contains a qualifier code and PO107 contains the data related to this code.

2. Code MF and MG must be used as a pair.

CL	Color
EQ	Equipment Type
FS	National Stock Number
FT	Federal Supply Classification
IT	Buyer's Style Number
MF	Manufacturer
MG	Manufacturer's Part Number
ON	Customer Order Number
PL	Purchaser's Order Line Number
SW	Stock Number
VP	Vendor's (Seller's) Part Number

PO107 234 Product/Service ID C AN 1/30

Identifying number for a product or service

PO108 235 Product/Service ID Qualifier O ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CL	Color
----	-------

EQ	Equipment Type
FS	National Stock Number
FT	Federal Supply Classification
IT	Buyer's Style Number
MF	Manufacturer
MG	Manufacturer's Part Number
ON	Customer Order Number
PL	Purchaser's Order Line Number
SW	Stock Number
VP	Vendor's (Seller's) Part Number

PO109 234 Product/Service ID C AN 1/30
Identifying number for a product or service

PO110 235 Product/Service ID Qualifier O ID 2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

CL	Color
EQ	Equipment Type
FS	National Stock Number
FT	Federal Supply Classification
IT	Buyer's Style Number
MF	Manufacturer
MG	Manufacturer's Part Number
ON	Customer Order Number
PL	Purchaser's Order Line Number
SW	Stock Number
VP	Vendor's (Seller's) Part Number

PO111 234 Product/Service ID C AN 1/30
Identifying number for a product or service

PO112 235 Product/Service ID Qualifier O ID 2/2
Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

CL	Color
EQ	Equipment Type
FS	National Stock Number
FT	Federal Supply Classification
IT	Buyer's Style Number
MF	Manufacturer
MG	Manufacturer's Part Number
ON	Customer Order Number
PL	Purchaser's Order Line Number
SW	Stock Number

		VP	Vendor's (Seller's) Part Number		
PO113	234	Product/Service ID		C	AN 1/30
		Identifying number for a product or service			
PO114	235	Product/Service ID Qualifier		O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CL	Color		
		EQ	Equipment Type		
		FS	National Stock Number		
		FT	Federal Supply Classification		
		IT	Buyer's Style Number		
		MF	Manufacturer		
		MG	Manufacturer's Part Number		
		ON	Customer Order Number		
		PL	Purchaser's Order Line Number		
		SW	Stock Number		
		VP	Vendor's (Seller's) Part Number		
PO115	234	Product/Service ID		C	AN 1/30
		Identifying number for a product or service			
PO116	235	Product/Service ID Qualifier		O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CL	Color		
		EQ	Equipment Type		
		FS	National Stock Number		
		FT	Federal Supply Classification		
		IT	Buyer's Style Number		
		MF	Manufacturer		
		MG	Manufacturer's Part Number		
		ON	Customer Order Number		
		PL	Purchaser's Order Line Number		
		SW	Stock Number		
		VP	Vendor's (Seller's) Part Number		
PO117	234	Product/Service ID		C	AN 1/30
		Identifying number for a product or service			
PO118	235	Product/Service ID Qualifier		O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CL	Color		
		EQ	Equipment Type		
		FS	National Stock Number		

		FT	Federal Supply Classification		
		IT	Buyer's Style Number		
		MF	Manufacturer		
		MG	Manufacturer's Part Number		
		ON	Customer Order Number		
		PL	Purchaser's Order Line Number		
		SW	Stock Number		
		VP	Vendor's (Seller's) Part Number		
PO119	234	Product/Service ID		C	AN 1/30
		Identifying number for a product or service			
PO120	235	Product/Service ID Qualifier		O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CL	Color		
		EQ	Equipment Type		
		FS	National Stock Number		
		FT	Federal Supply Classification		
		IT	Buyer's Style Number		
		MF	Manufacturer		
		MG	Manufacturer's Part Number		
		ON	Customer Order Number		
		PL	Purchaser's Order Line Number		
		SW	Stock Number		
		VP	Vendor's (Seller's) Part Number		
PO121	234	Product/Service ID		C	AN 1/30
		Identifying number for a product or service			
PO122	235	Product/Service ID Qualifier		O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CL	Color		
		EQ	Equipment Type		
		FS	National Stock Number		
		FT	Federal Supply Classification		
		IT	Buyer's Style Number		
		MF	Manufacturer		
		MG	Manufacturer's Part Number		
		ON	Customer Order Number		
		PL	Purchaser's Order Line Number		
		SW	Stock Number		
		VP	Vendor's (Seller's) Part Number		
PO123	234	Product/Service ID		C	AN 1/30

PO124	235	Identifying number for a product or service		O	ID 2/2
		Product/Service ID Qualifier			
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CL	Color		
		EQ	Equipment Type		
		FS	National Stock Number		
		FT	Federal Supply Classification		
		IT	Buyer's Style Number		
		MF	Manufacturer		
		MG	Manufacturer's Part Number		
		ON	Customer Order Number		
		PL	Purchaser's Order Line Number		
		SW	Stock Number		
		VP	Vendor's (Seller's) Part Number		
PO125	234	Product/Service ID		C	AN 1/30
		Identifying number for a product or service			

Segment: **PID** Product/Item Description

Position: 050

Loop: PID Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

2 At least one of PID04 or PID05 is required.

Semantic Notes:

Comments: 1 When PID01 is "F", PID04 is not used.

2 Use PID03 to indicate the organization that publishes the code list being referred to.

3 PID04 should be used for industry-specific product description codes.

4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Notes: *Use this 2/PID/050 segment when information applies to a specific line item.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	PID01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free-form	
Not Used	PID02	750 Product/Process Characteristic Code	O ID 2/3
		Code specifying the product or process characteristic being described.	
Not Used	PID03	559 Agency Qualifier Code	C ID 2/2
		Code identifying the agency assigning the code values	
Not Used	PID04	751 Product Description Code	C ID 1/12
		A code from an industry code list which provides specific data about a product characteristic	
Must Use	PID05	352 Description	C AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Carries a free form description of the item or service being ordered.</i>	
Not Used	PID06	752 Surface/Layer/Position Code	O ID 2/2
		Code indicating the product surface, layer or position that is being described	

Segment: **MEA** Measurements
Position: 060
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Syntax Notes:

- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
- 2 If MEA03 is present, then MEA04 is required.
- 3 If MEA05 is present, then MEA04 is required.
- 4 If MEA06 is present, then MEA04 is required.
- 5 If MEA07 is present, then MEA03 is required.
- 6 Only one of MEA08 or MEA03 may be present.

Semantic Notes:

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *This segment can be used anytime a measurement needs to be described in the preceding PID segment.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
MEA01	737	Measurement Reference ID Code	O	ID 2/2
		Code specifying the application of physical measurement cited.		
		CT Counts		
		SH Shipping Tolerance		
MEA02	738	Measurement Qualifier	O	ID 1/3
		Code identifying the type of measurement.		
		PO Percent of Order (-, +)		
		Expression of allowable variance of order expressed either as absolute (for example 92% to 110%) or relative percent (for example - 8% to + 10%)		
		<i>Expression of allowable variance of order expressed either as absolute (for example 92% to 110%) or relative percent (for example - 8% to + 10%)</i>		
Not Used	MEA03	739 Measurement Value	C	R 1/10
		The value of the measurement		
	MEA04	355 Unit or Basis for Measurement Code	C	ID 2/2
		Code identifying the basic unit of measurement.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
	MEA05	740 Range Minimum	C	R 1/10
		The value specifying the minimum of the measurement range		

			<p><i>1. Use to specify the variation in quantity under.</i></p> <p><i>2. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i></p>
	MEA06	741	<p>Range Maximum C R 1/10</p> <p>The value specifying the maximum of the measurement range</p> <p><i>1. Use to specify the variation in quantity over.</i></p> <p><i>2. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i></p>
Not Used	MEA07	935	<p>Measurement Significance Code O ID 2/2</p> <p>Code used to benchmark, qualify or further define a measurement value</p>
Not Used	MEA08	936	<p>Measurement Attribute Code C ID 2/2</p> <p>Code used to express an attribute response when a numeric measurement value cannot be determined</p>
Not Used	MEA09	752	<p>Surface/Layer/Position Code O ID 2/2</p> <p>Code indicating the product surface, layer or position that is being described</p>

Segment:	PKG Marking, Packaging, Loading
Position:	080
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 If PKG04 is present, then PKG03 is required. 2 At least one of PKG04 or PKG05 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 PKG01 relates only to PKG04 and PKG05. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 PKG04 should be used for industry-specific packaging description codes. 5 Special marking or tagging data can be given in PKG05 (description).
Notes:	<ol style="list-style-type: none"> 1. Use this 2/PKG/080 segment if the packaging information applies to a line item. If the packaging information applies to all the line items, use the 1/PKG/220 segment. 2. Do not use when standard commercial packaging is acceptable.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PKG01	349	Item Description Type		M ID 1/1
			Code indicating the format of a description		
			F Free-form		
Not Used	PKG02	753	Packaging Characteristic Code		O ID 1/5
			Code specifying the marking, packaging, loading and related characteristics being described		
Not Used	PKG03	559	Agency Qualifier Code		C ID 2/2
			Code identifying the agency assigning the code values		
Not Used	PKG04	754	Packaging Description Code		C ID 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
	PKG05	352	Description		C AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **PO4** Item Physical Details

Position: 090

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

- Syntax Notes:**
- 1 If PO402 is present, then PO403 is required.
 - 2 If PO405 is present, then at least one of PO406 or PO407 is required.
 - 3 If PO408 is present, then PO409 is required.
 - 4 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

- Semantic Notes:**
- Comments:**
- 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
 - 2 PO410 defines the unit of measure for PO408, PO409, and PO410.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	PO401	356	Pack	O N0 1/6
			Number of inner pack units per outer pack unit	
Not Used	PO402	357	Size	O R 1/8
			Size of supplier units in pack	
Not Used	PO403	355	Unit or Basis for Measurement Code	C ID 2/2
			Code identifying the basic unit of measurement.	
Not Used	PO404	103	Packaging Code	O ID 5/5
			Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	
Not Used	PO405	187	Weight Qualifier	O ID 1/2
			Code defining the type of weight	
	PO406	384	Gross Weight per Pack	C R 1/9
			Numeric value of gross weight per pack	
	PO407	355	Unit or Basis for Measurement Code	C ID 2/2
			Code identifying the basic unit of measurement.	
			LB Pound	
	PO408	385	Gross Volume per Pack	O R 1/9
			Numeric value of gross volume per pack	
			<i>Use to indicate Total Cube.</i>	
	PO409	355	Unit or Basis for Measurement Code	C ID 2/2

Code identifying the basic unit of measurement.

CF Cubic Feet

Not Used	PO410	82	Length	O R 1/8
			Largest horizontal dimension of an object measured when the object is in the upright position	
Not Used	PO411	189	Width	O R 1/8
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
Not Used	PO412	65	Height	O R 1/8
			Vertical dimension of an object measured when the object is in the upright position	
Not Used	PO413	355	Unit or Basis for Measurement Code	C ID 2/2
			Code identifying the basic unit of measurement.	

Segment: **REF** Reference Numbers
Position: 100
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			AT	Appropriation Number
				<i>Use to indicate ACRN and Service ID Code in REF02, and Long Line Accounting Data in REF03.</i>
			AX	Government Accounting Class Reference Number (ACRN)
			LI	Line Item Identifier (Seller's)
			RQ	Purchase Requisition No.
				<i>When citing a purchase request number, concatenate the purchase request line item number with the purchase request number if it is necessary to transmit both numbers.</i>
	REF02	127	Reference Number	C AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			<i>If REF01 equals LI, then the REF02 will equal the solicitation number of the corresponding 840/843/850.</i>	
	REF03	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>When REF01 is code AT, REF03 will carry the Long Line Accounting Data.</i>	

Segment: **ITA** Allowance, Charge or Service

Position: 130

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify allowances, charges, or services

Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 or ITA13 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If ITA10 is present, then ITA11 is required.

Semantic Notes:

Comments:

- 1 If ITA01 = A-Allowance or C-Charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 3 ITA12 is the quantity of free goods.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	ITA01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			C Charge	
Not Used	ITA02	559	Agency Qualifier Code	O ID 2/2
			Code identifying the agency assigning the code values	
Not Used	ITA03	560	Special Services Code	C ID 2/10
			Code identifying the special service	
Must Use	ITA04	331	Allowance or Charge Method of Handling Code	M ID 2/2
			Code indicating method of handling for an allowance or charge	
			06 Charge to be Paid by Customer	
Not Used	ITA05	341	Allowance or Charge Number	O AN 1/16
			The number assigned by a vendor referencing an allowance, promotion, deal or charge	
Not Used	ITA06	359	Allowance or Charge Rate	O R 1/9
			Allowance or Charge Rate per Unit	
Must Use	ITA07	360	Allowance or Charge Total Amount	O N2 1/9
			Total dollar amount for the allowance or charge	
			<i>Use to carry charges as described in ITA13.</i>	
Not Used	ITA08	378	Allowance/ Charge Percent Qualifier	O ID 1/1
			Code indicating on what basis allowance or charge percent is calculated	
Not Used	ITA09	332	Allowance or Charge Percent	C R 1/6
			Allowance or charge expressed as a percent.	

Not Used	ITA10	339	Allowance or Charge Quantity Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity	O	R 1/10
Not Used	ITA11	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	C	ID 2/2
Not Used	ITA12	380	Quantity Numeric value of quantity	O	R 1/10
Must Use	ITA13	352	Description A free-form description to clarify the related data elements and their content <i>ITA13 contains descriptions such as: Excise Tax, Other Charge, Pallet Charge, Flat Charge, or Shipping Charge.</i>	C	AN 1/80
Not Used	ITA14	150	Special Charge or Allowance Code Code identifying type of special charge or allowance	O	ID 3/3

Segment: **FOB** F.O.B. Related Instructions

Position: 180

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax Notes:

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

Semantic Notes:

Comments:

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Notes: *Use this 2/FOB/180 segment to specify an FOB point and inspection acceptance location for a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.*

Data Element Summary

Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
			DF Defined by Buyer and Seller	
	FOB02	309	Location Qualifier	C ID 1/2
			Code identifying type of location	
			<i>Use to identify the FOB point.</i>	
			DE Destination (Shipping)	
			FV Free Alongside Vessel (Free On Board [F.O.B.] Point)	
			OR Origin (Shipping Point)	
			ZZ Mutually Defined	
			<i>Use to identify the FOB point as described in FOB03.</i>	
	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. FOB03 is only used when FOB02 is code ZZ.</i>	
			<i>2. Contains descriptions such as: Origin, Destination, FAS Vessel,</i>	

Inside Delivery, or Tailgate Delivery.					
Not Used	FOB04	334	Transportation Terms Qualifier Code	O	ID 2/2
			Code identifying the source of the transportation terms		
Not Used	FOB05	335	Transportation Terms Code	C	ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility		
	FOB06	309	Location Qualifier	C	ID 1/2
			Code identifying type of location		
Used to identify inspection/acceptance point.					
			DE	Destination (Shipping)	
			OR	Origin (Shipping Point)	
Not Used	FOB07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	Risk of Loss Qualifier	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	Description	C	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **DTM** Date/Time/Period
Position: 200
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:
Notes: *Use when delivery applies to the entire line item.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			002 Delivery Requested	
			074 Requested for Delivery (Prior to and Including)	
	DTM02	373	Date	C DT 6/6
			Date (YYMMDD)	
Not Used	DTM03	337	Time	C TM 4/4
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	

Segment: **SCH** Line Item Schedule

Position: 220

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 200

Purpose: To specify the data for scheduling a specific line-item

Syntax Notes: 1 If SCH03 is present, then SCH04 is required.

2 If SCH09 is present, then SCH08 is required.

Semantic Notes:

Comments: 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Notes: *Use to indicate partial delivery at the line item level.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SCH01	380	Quantity Numeric value of quantity	M R 1/10
Must Use	SCH02	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement. Refer to 003010 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	SCH03	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	O ID 2/2
Not Used	SCH04	93	Name Free-form name	C AN 1/35
Must Use	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 002 Delivery Requested 074 Requested for Delivery (Prior to and Including)	M ID 3/3
Must Use	SCH06	373	Date Date (YYMMDD)	M DT 6/6
Not Used	SCH07	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	O TM 4/4
Not Used	SCH08	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	O ID 3/3
Not Used	SCH09	373	Date Date (YYMMDD)	C DT 6/6
Not Used	SCH10	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	O TM 4/4

Segment: **N1** Name
Position: 370
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element			
Must Use	N101	98 Entity Identifier Code	M	ID 2/2
Code identifying an organizational entity or a physical location.				
		FW Forwarder		
		<i>Use to indicate port of embarkation.</i>		
		PR Payer		
		<i>Use to indicate the line item paying office.</i>		
		ST Ship To		
		<i>Use to indicate Ship To or location where services are to be performed if different from that cited in the N1-N4 segments in the header.</i>		
		UC Ultimate Consignee		
		<i>"Use for mark for address".</i>		
N102	93	Name	C	AN 1/35
Free-form name				
N103	66	Identification Code Qualifier	C	ID 1/2
Code designating the system/method of code structure used for Identification Code (67)				
		1 Dun and Bradstreet (Credit Reporting) (DUNS)		
		9 DUNS with 4-character suffix		
		10 Department of Defense Activity Address Code (DODAAC)		
		16 ZIP Code		
		33 Commercial and Government Entity (CAGE)		
N104	67	Identification Code	C	ID 2/17
Code identifying a party.				

Segment: **N2** Additional Name Information
Position: 380
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
	N202	93	Name	O AN 1/35
			Free-form name	

Segment: **N3** Address Information
Position: 390
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4 Geographic Location**

Position: 400

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

- Syntax Notes:**
- 1 At least one of N401 or N405 is required.
 - 2 If N401 is present, then N402 is required.
 - 3 If either N405 or N406 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 - 2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency <i>Use codes from the latest release of FIPS PUB 5-2, States and Outlying Areas of the United States.</i>	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 4/9
N404	26	Country Code Code identifying the country <i>Use codes from the latest release of ISO 3166, Codes for Representing Names of Countries.</i>	O ID 2/2
N405	309	Location Qualifier Code identifying type of location IP Postal <i>Use to indicate an Army Post Office "APO" or Fleet Post Office "FPO".</i>	O ID 1/2
N406	310	Location Identifier Code which identifies a specific location <i>When N405 is code IP, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco plus the zip code).</i>	C AN 1/25

Segment: **CTT Transaction Totals**
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If CTT03 is present, then CTT04 is required.
2 If CTT05 is present, then CTT06 is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
			<i>Cite the number of PO1 segments.</i>	
Not Used	CTT02	347	Hash Total	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	
			Example:	
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
Not Used	CTT03	81	Weight	O R 1/8
			Numeric value of weight	
Not Used	CTT04	355	Unit or Basis for Measurement Code	C ID 2/2
			Code identifying the basic unit of measurement.	
Not Used	CTT05	183	Volume	O R 1/8
			Value of volumetric measure	
Not Used	CTT06	355	Unit or Basis for Measurement Code	C ID 2/2
			Code identifying the basic unit of measurement.	
Not Used	CTT07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **AMT** Monetary Amount
Position: 020
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments: 1 If segment AMT is used in Table 2 of the 850, 855, 860 or 865 transaction sets, then AMT01 = 01. If it is used in Table 3 of those transaction sets, then AMT01 = TT.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount TT Total Transaction Amount	M ID 1/2
Must Use	AMT02	782	Monetary Amount Monetary amount <i>The total amount of the order.</i>	M R 1/15

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:
Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/6
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	
			<i>This is the same number as the one in ST02.</i>	